Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 43-R-0005 CUSTOMER NO. 1487

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

TYCO HEALTHCARE / MALLINCKRODT 675 MC DONNELL BLVD HAZELWOOD, MO 63042 (314) 654-2000

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

675 M	= Donne	11 Blv	d	27	03 Wagher 1	D/
HAZelwi	•	0 630	42	MA	03 Wagner 1 Ryland Heights	MO 630
REPORT OF ANIMALS USED BY	OR UNDER CONTROL OF	F RESEARCH FACILITY	(Attach addition	nal sheets if neces	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	which exp teaching, surgery, c conducter accompar distress to and for what anesthetic		E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs						
5. Cats						
6. Guinea Pigs	0	62				62
7. Hamsters						
8. Rabbits	0		5			2
Non-Human Primates						
10. Sheep						
11. Pigs						
12. Other Farm Animals						
13. Other Animals						
ASSURANCE STATEMENTS						

- 1) Professionally acceptable standards governing the cale, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgely, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulation s under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinary care and to oversee the adequacy of other

aspects of animal care and u	se.		NOV 10 200
	(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
SIG	FFICIAL	NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Tupe of Print)	DATE SIGNED
APH ()	1 18- 23 (Oct 88), v	whi	ADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE

(TYPE OR PRINT)

1. REGISTRATION NO. 43-R-008

FORM APPROVED OMB NO. 0579-003

NOV 19 2007 V

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

ANNUAL REPORT OF RESEARCH FACILITY

Washington University

Washington University Lindell & Skinker Blvds. St. Louis, MO 63130

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

660 S. Euclid Avenue, Box 8025 St. Louis, MO 63110

A. Animals Covered By The Anima Welfare Regulations	B.Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes	C, Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E, Number of animals upon which teaching experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests, (An explanation of the procedures praducing pain or distress in those animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO OF ANIMALS (Cois. C + D + E)
4. Dogs		3	189		192
5. Cats			9		9
6. Guinea Pigs	69		239		239
7. Hamsters		40			40
8. Rabbits		161	539		700
9. Non-human Primates	16	25	83		108
10. Sheep			1		11
11., Pigs		3	411		414
12. Other Farm Animals					
13 Other Animals Bats			75		75
Chinchillas			10		10
Ferrets		5			5
Gerbils		70			70

- 1) Professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarianfor this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive Off	EADQUARTERS RESEARCH FACILITY OFFICIAL icer or Legally Responsible Institutional Official) ove is true, correct, and complete (7 U.S.C. Section 2143).	75 - 1 mg 1
SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL DRM 18-23 (OCT 88)	NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print) which is obsolete	DATE SIGNED

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. ___43-R-0011 ___

Customer NO. 1507 FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

ST LOUIS UNIVERSITY 221 N. GRAND BOULEVARD, D B-106 ST LOUIS, MO 63103 (314) 977-8345

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITYLOCATIONS (Sites)

See Attached listing

A. Animals Covered By The Anima Welfare Regulations	B.Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures praducing pain or distress in those animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs			34		34
5. Cats			2		2
6. Guinea Pigs					
7. Hamsters		22	1599	A CONTRACTOR OF THE CONTRACTOR	1621
8. Rabbits		5	146		151
). Non-human Primates					
10. Sheep					
11., Pigs			22		22
12. Other Farm Animals					
3 Other Animals					
Dormice	102	264			264
Ferret			4		4

- 1) Professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarianfor this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

animal care and use.			NOV	- 0	200	7 1
CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	-			7	
	ive Officer or Legally Responsible Institutional Official) at the above is true, correct, and complete (7 U.S.C. Section 2143).					
	NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)	M. Arena	DATE	SIGNED	7	
			10 -	3/-	,	
				7	7	

88) which is obsolete

Interagency Report Control No 0180-DOA-AN

OMB NO. 0579-0036

REGISTRATION NO. 43-R-0012

CUSTOMER NO. FORM APPROVED 1495

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

KIRKSVILLE COLLEGE OF OSTEOPATHIC MEDICINE 800 W JEFFERSON ST KIRKSVILLE MO 63501 (660) 626-2400

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

See Attached Listing 7th Floor of Timken-Burnett Research Bldg.

animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes	C. Number of animals upon which teaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesihetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
0	0	0	0	0
ll	0	61	0	61
0	0	0	0	0
0	0	0	0	0
0	3	0	0	3
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
46	0	175	0	175
	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes D III D O O O O O O O O O O O O	animals upon which teaching, research, or less were conducted involving no pain, distress or yet used for such purposes. Description of the conducted purposes or the conducted purpose or the conducted purposes or the conducted purpose or the conducted purpose or the conducted purpose or the conducted purposes or the conducted purpose or the conduct	animals being pred. Conditioned, or held for use in teaching, research, experiments, or less were conducted involving participation of surgery but not yet used for such purposes. O O O O O O O O O O O O

- 1) Professionally acceptable stundards governing the callet, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgely, or experimentation were followed by this research facilitie.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

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	(Chief Executi	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ive Officer or Legally Responsible Institutional official) he above is true, correct, and complete (7 U.S.C. Section 2143)	OGT 15 2007 🗸
SIGNATURE OF A F A A AR	ONAL OFFICIAL		DATE SIGNED D 8 67
APHIS (AUG 91)	VS FORM 18-13 (Oct 88), white is concern.	EADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 43-R-0015 CUSTOMER NO. 1504

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ST JOHN'S MERCY MED CTR 615 S NEW BALLAS RD ST LOUIS, MO 63141

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

ST. JOHN'S MERCY MED CTR
ST LOUIS, MO 63141

A.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs			19		19
12. Other Farm Animals					
13. Other Animals					

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

deposite of driffinal out of and doc.							
CERTIFICATION BY	HEADQUARTERS RESEARCH FACILITY OFFICIAL						
(Chief Executive Officer or Legally Responsible Institutional official)							
I certify that the abo	ove is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED					
		10/26/2007					

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NO. 43-R-0029

CUSTOMER NO. 1488

(816) 437-3237

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

MAPLE WOODS COMM COLL 2601 NE BARRY RD KANSAS CITY, MO 64156

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.

FACILITY LOCATIONS(sites) See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		-32 msx	32		32
5. Cats		2 insa	28		28
6. Guinea Pigs			16		16
7. Hamsters		ß.			
8. Rabbits	}		12		12
9. Non-Human Primates					
10. Sheep		9			9
11. Pigs		8			8
12. Other Farm Animals					
Goats		8			8
13. Other Animals					
William Control			**************************************		

- 1) Professionally acceptable standards governing the calls, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgely, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternative: to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

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D F	0		~		

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CERTIF CATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

I cen fy that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

APHIS FORM 7023

Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

(AUG 91)

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 43-R-0029 CUSTOMER NO. 1488

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

MAPLE WOODS COMM COLL 2601 NE BARRY RD KANSAS CITY, MO 64156 (816) 437-3237

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	sary or use this form.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred. conditioned, or held for use in teaching, testing experiments, research, or surgery but not yet used for such purposes	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
Cuttle		12	3		15
Itorses		5			5
\$10.40.40.40.40.40.40.40.40.40.40.40.40.40					
ASSURANCE STATEMENTS	ALLEGATE SECRETARISTS AND APPLICATION OF THE SECRETARISTS AND APPL				

-) Professionally acceptable standards governing the callet treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgely, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternative: to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

DEC - 3 2007

22.77.77.77.77.77	CATION DV HEADON DESCRIPTION DE LA PONTE DE LE LA COMPANION DE
CERTIF	CATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief	Executive Officer or Legally Responsible Institutional official)

I cer fy that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

APHIS FORM 7023A (AUG 91)

(Replaces VS FORM 13-23 (Oct 88), which is obsolete

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 43-R-0030 CUSTOMER NO. 1394 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

TRUMAN STATE UNIVERSITY 2004 MAGRUDER HALL SCIENCE DIVISION 262 SH KIRKSVILLE, MO 63501

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

SITE 1
KIRKSVILLE, MO 63501

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		7			7
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

aspects of arminal care and use.		
CERTIFICATION BY	HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	Officer or Legally Responsible Institutional official)	
I certify that the ab	ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	2996/E M	12/10/2007
		12.10/2007

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 43-R-0031 CUSTOMER NO. 1425

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 C C D JEFFERSON COUNTY

1000 VIKING DR HILLSBORO, MO 63050

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

SITE 1
HILLSBORO, MO 63050

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		120	60		180
5. Cats		120	60		180
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates			4		
10. Sheep					
11. Pigs					
12. Other Farm Animals					
Horse		1	1		2
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL e Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	10/05/2007

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 43-R-0036 CUSTOMER NO. 1483

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

LITTLE CREEK FARM INC 100 HAAG ROAD LESLIE, MO 63056

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

LITTLE CREEK FARM INC LESLIE, MO 63056

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep	2		3		3
11. Pigs					
12. Other Farm Animals					
Goat	16		18		18
13. Other Animals					
ASSURANCE STATEMENTS					

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive O	HEADQUARTERS RESEARCH FACILITY OFFICIAL officer or Legally Responsible Institutional official) ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		10/09/2007

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 43-R-0036 CUSTOMER NO. 1483

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

LITTLE CREEK FARM INC

100 HAAG ROAD

LESLIE, MO 63056

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use this form.) B. Number of Number of D. Number of animals upon E. Number of animals upon which teaching. animals being animals upon which experiments, experiments, research, surgery or tests were Animals Covered bred. which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO. By The Animal conditioned, or to the animals and for which the use of appropriate OF ANIMALS research, surgery, or tests were Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ experiments, conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs used must be attached to this report) Donkey

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

aspects of animal care and use.		
CERTIFICATION E	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive	Officer or Legally Responsible Institutional official)	
I certify that the	above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		10/09/2007

Interagency Report Control No 0180-DOA-AN

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 43-R-0037

CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) UNIVERSITY OF CENTRAL MISSOURI WCM SCIENCE 306

WARRENSBURG, MO 64093 (660) 543-8076

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

	pain, distress, or use of pain- relieving drugs.	distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	(Cols. C + D + E)
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- 1) Professionally acceptable standards governing the callet, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surge y, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternative: to painful procedures.

(AUG 91)

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

The state of the s		ADQUARTERS RESEARCH FACILITY OFF		
		er or Legally Responsible Institutional offices true, correct, and complete (7 U.S.C. Section 214)		
SIGNATURE OF CEO OR INSTITUTIO	DNAL OFFICIAL	ME & TITLE OF CEO OR INSTITUTIONAL OFFI	CIAL (Type or Print)	DATE SIGNED
				11-27-07
APH (Replaces)	VS FORM 18-23 (Oct 88), which is	obsolete	PART 1 - H	EADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 43-R-0046 CUSTOMER NO. 1463

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF MISSOURI-ST LOUIS
OFFICE OF RESEARCH

OFFICE OF RESEARCH 8001 NATURAL BRIDGE ST LOUIS, MO 63121--449

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

UNIVERSITY OF MISSOURI ST LOUIS
ST LOUIS, MO 63121

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Voles		370			370
Voles		370			370

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)						

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

Interagency Report Control No 0180-DOA-AN

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 43-R-0047

CUSTOMER NO. 1462

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, UNIVERSITY OF MISSOURI-KANSAS-KANSAS CITY

OFFICE OF RESEARCH ADMIN 5100 ROCKHILL RD KANSAS CITY, MO 64110 (816) 235-1303

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) Number of animals upon E. Number of animals upon which teaching. Muraner a animals being animals upon which experiments, experiments, research, surgery or tests were TOTAL NO. Animals Covered conducted involving accompanying pain or distress bred. which teaching, teaching, research. conditioned, or OF ANIMALS By The Animal surgery, or tests were to the animals and for which the use of appropriate research, hald for use in teaching, testing, anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or Welfare Regulations experiments, or conducted involving (Cols. C+ accompanying pain or distress to the animals tests were interpretation of the teaching, research, D + E) experiments, conducted research, or experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these involving no and for which appropriate surgery but not pain, distress, or anesthetic analgesic or et used for such use of pain animals and the reasons such drugs were not used tranquilizing drugs were purposes relieving drugs used. must be attached to this report) 4. Dogs Cats 6. Guinea Pigs 7. Hamsters 192 192 Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS

- Professionally acceptable standards governing the ca. 3 treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgely, or experimentation were followed by this research facility.
- 2) Each principal investigate: his considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations and regulations and regulations be specified and explained by the principal investigator and ap stored by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the I/V IIIC-approved exceptions. This summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

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The state of the s	CERTIF CATION BY HEAL QUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)	
	y that the above is true, correct, and complete (7 U.S.C. Section 2143)	Account to the second s
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	3 (Ont 38) which is obsolete	PART 1 - HEADQUARTERS
(AUG 91)		

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 43-R-0048 CUSTOMER NO. 1461

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF MISSOURI-COLUMBIA 205 JESSE HALL COLUMBIA, MO 65211

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

UNIVERSITY OF MISSOURI-COLUMBIA
COLUMBIA, MO 65211

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	10	40	178		218
5. Cats	12	16	88		104
6. Guinea Pigs			4		4
7. Hamsters		2	78		80
8. Rabbits		64	94		158
9. Non-Human Primates					
10. Sheep				-	
11. Pigs	254	204	497		701
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

deposit of difficult date and doe.						
CERTIFICATION E	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL					
(Chief Executive	(Chief Executive Officer or Legally Responsible Institutional official)					
I certify that the a	above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
		11/27/2007				

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

APHIS Form 7023 Additional Reported Sites

The following additional sites have been reported by the facility. The reported sites have not been verified by APHIS and have been provided by the facility solely for completeness of the APHIS Form 7023 Annual Reporting submission.

Registration Number:

43-R-0048

Customer Number:

1461

Facility:

UNIVERSITY OF MISSOURI-COLUMBIA

205 JESSE HALL COLUMBIA, MO 65211

H Hog Farm 199ACR241 Centralia, MO 65240

Interagency Report Control No 0180-DOA-AN /

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 43-R-0051

CUSTOMER NO. 1422

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

IMMVAC INC 6080 BASS LN COLUMBIA, MO 65201 (573) 443-5363 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

See Attached Listing					
		T. INTERNAL PROPERTY AND ASSESSMENT OF THE PARTY OF THE P			
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of anima s being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of atnimals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number cf animals upon which experiments, teaching, research, surgery, cr tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters		_			
8. Rabbits	1				
9. Non-Human Primates					
10. Sheep				A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
11. Pigs		-			
12. Other Farm Animals					
Horses	0	0	23	0	
13. Other Animals					
ASSURANCE STATEMENTS		TENERGE IN A SECURE AND A SECURE ASSESSMENT A SECURE OF SECURE ASSESSMENT OF SECURE ASSESSMEN	THE REPORT OF TAXABLE PARTIES AND THE PARTIES	ENERGY STATE OF A 1942 STATE O	
and following actual researc	in, teaching, testing, surge	y, or experimentation wei	mimals, including appropriate use a followed by this research facility	of anesthetic, analgesic, and tranquilizing drugs, prior to,	during,
principal investigator and ap	e standards and regulation	s under the Act, and it ha	nimittee (IACIII) A cumment of	standards and regulations be specified and explained by th all the exceptions is attached to this annual report. In ns, as well as the species and number of animals affected.	a
 The attending veterinarian for aspects of animal care and a 	or this research facility has	eppropriate authority to e	insure the provision of adequate	eterinary care and to oversee the adequacy of other	
A STALL SPRING STALL AND ASSAULT ASSAULT ASSAULT AND ASSAULT ASSAU	(Chief	executive Officer	QUARTERS RESEARCH or Legally Responsible se, correct, and complete (7	Institutional official)	2007
THE RESIDENCE OF THE PARTY OF T	CHESTICAL TO SERVICE OF THE PROPERTY OF	NAME	& TITLE OF C.E.O. OR INS	TITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

FACILITY LOCATIONS(sites)

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO .

43-R-0052

FORM APPROVED OMB NO. 0579-0036

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

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ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

MISSOURI STATE UNIVERSITY

MISSOURI STATE UNIVERSITY 901 SOUTH NATIONAL SPRINGFIELD, MO 65897 (417) 836-5972

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITYLOCATIONS (Sites)

901 SOUTH NATIONAL SPRINGFIELD, MO 65897 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) 3.Number E, Number of animals upon which teaching . Number of D. Number of animals upon animals being animals upon experiments, research, surgery, or tests were which experiments, Animals Covered bred. conducted involving accompanying pain or distress which teaching, teaching, research, surgery, or tests were conditioned, or By The Anima research. to the animals and for which the use of appropriate TOTALNO anesthetic, analgesic, or tranquilizing drugs would Welfare Regulations held for use in experiments, or conducted involving OF ANIMALS teaching, testing have adversely affected the procedures, results, or tests were accompanying pain or distress to the animals experiments, conducted interpretation of the teaching, research, research, or (Cols. C + D + E) involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not the procedures producing pain or distress in those pain, distress. or anesthetic, analgesic, or vet used for such animals and the reasons such drugs were not used use of paintranquilizing drugs were purposes relieving drugs must be attached to this report) 4. Dogs 5. Cats Guinea Pigs 7. Hamsters 12 0 12 0 12 8. Rabbits 9. Non-human Primates 10. Sheep 11., Pigs 12. Other Farm Animals

ASSURANCE STATEMENTS

INDIANA BATS

Northern Longear

HORSES

13 Other Animals
CATTLE

1) Professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility

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2) Each principal investigator has considered alternatives to painful procedures

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- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarianfor this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

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10/07/07

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36

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Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO . 43-R-0052

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

MICCOLIDI CTATE LINIVEDCITY

MISSOURI STATE UNIVERSITY 901 SOUTH NATIONAL SPRINGFIELD, MO 65897 (417) 836-5972

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

901 SOUTH NATIONAL	X3111				
SPRINGFIELD, MO 65897	9				
REPORT OF ANIMALS USED BY O	R UNDER CONTROL O	F RESEARCH FACILIT	Y (Attach additional sheets if ne	cessary or use APHIS FORM 7023A)	
A. Animals Covered By The Anima Welfare Regulations	B.Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in those animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMALS (Cols. C + D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
3. Non-human Primates					
10. Sheep					
11., Pigs					
12. Other Farm Animals					
13 Other Animals					
Big Brown Bats	6				6

- 1) Professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarianfor this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive Offi	EADQUARTERS RESEARCH FACILITY OFFICIAL cer or Legally Responsible Institutional Official) ove is true, correct, and complete (7 U.S.C. Section 2143).	
SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)	10/17/07

ASSURANCE STATEMENTS

Interagency Report Control No 0180-DOA-AN

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

43-R-0054

CUSTOMER NO. 1445

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

NESTLE PURINA GLOBAL RESOURCES, INC. ONE CHECKER BOARD SQUARE ST LOUIS, MO 63164 (314) 982-4886

See Attached Listing		FA	CILITY LOCATIONS(sites)		
- Louis	To be an amount of the special state of the same				
EPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	Attach addiro al sheets if neces	sary or use APHIS FORM 7023A)	
Animals Covered By The Animal Welfare Regulations	B. Combon of an interest of the condition of the conditio	ninals upon which teaching, research, experiments or tests wern conducted involving no pain, distress, or use of pain, relieving drugs.	D. Number of animals upon which experiments, teaching, esearch, surgery or fests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranguilling drugs ware used.	E. Burnhall annuals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the enimals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the ressens such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMAL: (Cols. C + D + E)
. Dogs	48	693	0	0	741
. Cats	21	776	0	0	797
. Guinea Pigs					
. Hamsters					
Rabbits					
Non-Human Primates					
0. Sheep				ĺ	
1. Pigs					
2. Other Farm Animals					
3. Other Animals					
THE RESERVE THE PARTY OF THE PA	and all the party of the same	erio i eriori centra e con o a como o conscionamento e e e		ATTENDED AND AND AND THE PROSPECT OF THE PROSPECT AND	There is considerable to the
1) Professionally acceptable and	Tasis governing the ca	, treatment, and use of an	mals, including appropriate use	of anostricit analogsic, and tranquilizing drugs pain to di	uring,
and following actual research	teaching, testing, surgely	or experimentation we to	followed by this research facility		
principal investigator and ab ir	standards and regulations oved by the Institutional A	under the Act, and it has	mittee (IACITY) A cumment of	tandards and regulations be specified and explained by the all the exceptions is attached to this annual report. In	
The attending veterinarian for aspects of animal care and one	this research facility has a	one summary includes a be- eporophiate authority to en	oner explanation of the exceptions issure the provision of adequate w	s, as well as the species and number of animals affected. http://discourse.com/species/and/species/animals/affected.	APP 2 9
	CERTIF C		QUARTERS RESEARCH		
			r Legally Responsible is e. correct, and complete (7 to		
		A A A SEC	STATE OF A F C OR INCO	Print)	DATE SIGNE
		2		1	1/1-2/-//37

See reverse side for additional information
 REGISTRATION NO. CU Interagency Report Control No 0180-DOA-AN

43-R-0057

CUSTOMER NO. 1418

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

HEARTLAND HEALTH SYSTEM 5325 FARAON ST ST JOSEPH, MO 64506 (816) 271-6000

	(0.10/21 - 0000
 REPORTING FACILITY (List all locations where animals sheets if necessary.) 	were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional
	FACILITY LOCATIONS(siles)
See Attached Listing	

L.	I B. Number of	parameter de la company de la	CONTRACTOR OF THE PARTY OF THE	WHEN THE PROPERTY AND ADDRESS OF THE PARTY O	F.
Animals Covered By The Animal Welfare Regulations	bred conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquillizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to (his report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
. Dogs					
. Cats	Ø	8	25	0	25
i. Guinea Pigs					
. Hamsters			1		
. Rabbits					
. Non-Human Primates					
0. Sheep					
1. Pigs	-				
2. Other Farm Animals		1			
3. Other Animals					
ASSURANCE STATEMENTS	THE WINDS THE LAST AGAINST ARREST AND ASSESSMENT OF	* TOURS HOLD TO STATE OF THE PARTY OF THE PA	a attended annual annual is suppressed to be nationally	N COMMISSION OF THE PROPERTY O	

- 2) Each principal investigator has considered alternative: to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions. this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIF	CATION BY	HEAL	QUARTER	SRESEARCH	H FACILITY	OFFICIAL
(Chief	Executive C	fficer	or Legally	Responsible	Institutiona	official)
1	for the salate and a few	!		and appropriate 17	ILOP Castin	- 21421

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

(AUG 91)

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 43-R-0101 CUSTOMER NO. 1407

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ANTIGEN LABORATORIES INC 28-36 S MAIN ST LIBERTY, MO 64068 (816) 781-5222

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. B. Number of animals upon animals upon animals upon animals ben't animals upon teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress.

TOTAL NO.

A.	B. Number of			THE THE PARTY OF T	F.
Animals Covered By The Animal Welfare Regulations	anima's being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of rni n ls up on which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats		CONTRACTOR OF SALES AND			
6. Guinea Pigs	0	574	0	0	574
7. Hamsters		NO. 201-201-201-201-201-201-201-201-201-201-			
8. Rabbits		Marine and the second property of the second			
9. Non-Human Primates				The second section of the second seco	
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals				J	
		-	T	1	
		ACCORDING TO A STATE OF THE STA	CONTRACTOR CALLS CONTRACTOR AND ADMINISTRACTOR AND ADMINISTRACTOR AND ADMINISTRACTOR AND ADMINISTRACTOR AND ADMINISTRACTOR ADM		

- 1) Professionally acceptable standards governing the calls, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgely or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternative: to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

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aspects of animal care and	USE.	
THE RESIDENCE OF THE PROPERTY OF THE PERSONS	CERTIF CATION BY HEADQUARTERS RESEARCH FACILITY OFFIC	IAL
1	(Chief Executive Officer or Legally Responsible Institutional official	al)
	I cen fy that the above is true, correct, and complete (7 U.S.C. Section 2143)	- 25
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICE	AL (Type or Print) DATE SIGNED
		10-4-07
5	38), which is obsolate	PART 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 43-R-0102

CUSTOMER NO. 1381

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) N W MISSOURI STATE UNIVERSITY

800 UNIVERSITY DR MARYVILLE, MO 64468 (660) 562-1388

 REPORTING FACILITY (List all locations where animals were housed or used in actual research sheets if necessary.) 	h. lesting, teaching, or experimentation, or held for these purposes. Attach additional
FACILITY LOC	CATIONS(sites)
See Attached Listing	

teaching, testing, experiments, research, or surgery but not yet used for such purposes.	research experiments, or tests were conducted involving no pain, distress, or us; of pair, relieving drugs.	teaching, research, surgery or fests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesihetic, analgesic, or tranquilizing drugs would have acversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	14	0	14
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	DO THE REPORT OF THE PERSON NAMED IN THE PERSO	0	0	0
	yet used for such purposes. 0 0 0 0 0 0 0 0 0 0 0 0 0	yet used for such purposes. O O O O O O O O O O O O O O O O O O O	yet used for such purposes usu of peir relieving drugs tranquilitzing drugs ware used. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	vet used for such purposes vs.c of pair releving drugs tranquitizing drugs were used used

1) Professionally acceptable standards governing the callet treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, pnor to, during, and following actual research, teaching, testing, surgely, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternative: to painful procedures,

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Arimal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions. This summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veteringman for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

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aspects of animal care and use		THE REPORT OF THE PROPERTY OF	
	CERTIF CATION BY HEALQUARTERS	RESEARCH FACILITY OFFICIAL	ACCUSATION VICTORIAL PROPERTY TO CO. T. CHEMICAL PROPERTY OF THE PROPERTY OF T
	(Chief Executive Officer or Legally R	lesponsible Institutional official)	
	I cen fy that the above is true, correct, an	id complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.F.O. CO. INSTITUTE	NAME & TITLE OF	C.E.C. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	100		11/28/07
APHIS F (AUG 91)	het 08), which is obsolete	PART 1	- HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

REGISTRATION NO. 43-R-0104

CUSTOMER NO. 1542

FORM APPROVED OME NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, **ANNUAL REPORT OF RESEARCH FACILITY** (TYPE OR PRINT)

SINCLAIR RESEARCH CENTER P O BOX 658 COLUMBIA, MO 65025

	(5/3) 38/-4400
The state of the s	E DE LES EN LES EN LES EN LES CALLES DE LA C
3. REPORTING FACILITY (List all locations where animals were housed or used in actual research	ch, testing, teaching, or experimentation, or held for these purposes. Attach additional
sheets if necessary.)	
The state of the s	AND REAL PROPERTY OF THE PROPE

FACILITY LOCATIONS(sites) See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of an in a sibility bried, conditioned or held for use in learning, testing, experiments, research, or surgery but not you used for such purposes.	C. Number of total a its upon which teaching, research, experiments or tests were conducted involving no pain, distress, or use of pain, relieving drugs.	D. Number of enimers upon which experiments, teaching, research, surgery or tests were conducted involving accompanying pain or distress to the animals and recovered appropriate anesthetic, analigesic, or transpullizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have advarsely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals, and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D+E)
4. Dogs	89	276	285		561
5. Cats	48	88	15	No season.	103
6. Guinea Pigs					
7. Hamsters	1				
8. Rabbits			363		363
9. Non-Human Primates					
10. Sheep	_		2.1	-	21
11, Pigs		508	141		649
12. Other Farm-Animals			25		25
13. Other Animals					
	NF A	OR OF THE OWNER, THE REST EAST OFF THE PROPERTY OF THE OWNER, THE	· AAAMA AMARAN AMAR		
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- 1) Professionally acceptable surrigants governing the callet attention use of animals, including appropriate use of anesticate, analysis, and tranquisting drugs, prior to, during, and following actual research, teaching, testing, surgely, or excerimentation were followed by this research facility.
- 2) Each principal investigator has considered alternative: to painful procedures,
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap invest by the Institutional Arimal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions. This summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterminan for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

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A Secretary of the Control of the Co	CERTIF CATION BY HEADQUARTERS (Chief Executive Officer or Logally Re		3.63.4 W E3-E00
	I cen fy that the above is true, correct, and	complete (7 U.S.C. Section 2143)	
S	NAME & TITLE OF C	FO OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
			7 Dec,07
	da), which is obsolets	PART 1	- HEADQUARTERS

(AUG 91)

Interagency Report Control No 0180-DOA-AN

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 43-R-0105

CUSTOMER NO. 1591

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, MISSOURI WESTERN STATE COLLEGE

4525 DOWNS DR ST JOSEPH, MO 64507 (816) 271-4234

			I	(010) 271-4234	
 REPORTING FACILITY (List sheets if necessary.) 	t all locations where animals	were housed or used in a	actual research, testing, teaching,	or experimentation, or held for these purposes. Attach addit	ional
Control of the Contro	PERSONAL PROBLEM AND DESCRIPTION OF STREET OF	A HOUSE DRIVEN BY ANY STATEMENT AND A COMMODINATION OF THE STATEMENT AND A STA	ACILITY LOCATIONS(sites)	MATTER PRODUCTION OF THE PROPERTY OF THE PROPE	
See Attached Listing	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAME				
	11 - 10 - 1 - 10 - 1 - 1 - 1 - 1 - 1 - 1				
			1		
	and a second		Designation of the Control of the Co		
REPORT OF ANIMALS USED B	BY OR UNDER CONTROL O	OF RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A)	
A.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.
Animals Covered	anina s b + n ; i bred	which teaching.	which experiments, teaching, research,	experiments, research, surgery or tests were conducted involving accompanying pain or distress	TOTAL NO.
By The Animal	conditioned or	research,	surgery, or tests were	to the animals and for which the use of appropriate	OF ANIMALS
Welfare Regulations	held for use in	expenments, or	conducted involving	anesthetic analgesic, or tranquilizing drugs would	(0.1.0)
	teaching, testing, experiments.	tests were conducted	accompanying pain or distress to the animals	have adversely affected the procedures, results, or interpretation of the teaching, research,	(Cols. C + D + E)
	research fir	involving no	ano for which appropriate	expenments surgery, or tests. (An explanation of	D . L,
	surgery but not	pain, distress, or	anesthetic, analgesic, or	the procedures producing pain or distress in these	
	yet used for such	uso of pain	tranquilizing drugs were	animals and the reasons such drugs were not used	
	t nurposes.	relieving drugs.	used	must be attached to this report)	

A. Animals Covered By The Animal Welfare Regulations	B. Number of an insection of an insection of an insection of an insection of need for use in teaching, testing, experiments, useauch of surgery but not an used for such jurposes.	C. Number of on it als yet of on the strong, research, experiments, or tests were conducted involving no pain distress, or Ls. of pain relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilling druge were used.	E. Number of animets upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	Ø	0	0	0	0
6. Guinea Pigs	6	0	0	8	0
7. Hamsters	0	0	0	a	0
8. Rabbits	Ø	8	0	~Ø	8
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0		0
11. Pigs	0	0	8	0	0
12. Other Farm Animals	0	Ø	0	- Ø	0
13. Other Animals	0	0	0	0	Ø
	and accommission of the second	CONTROL OF STREET, ST. ST. P. LEW TRANSPORT OF THE STREET, ST.	n in automorphism in the anti-anti-anti-anti-anti-anti-anti-anti-		
The state of the s	the short their and the track the short to be a significant.	AND ASSESSED AND ASSESSED AND ASSESSED.	HIGH BUT TO THE R. THE SHALL BE STREET OF A SECTION OF	COMPONENT OF THE TOTAL CONTROL OF THE PROPERTY	Name (All Parts and All Parts
ASSURANCE STATEMENTS Professionally acceptable	Surroards governing the ca	a. reath unit, and use of	animals, including appropriate use	of anesthetic, analgesic, and tranquilizing drugs, prior to,	during,

and following actual research reaching, leating, sarge y, or excerimentation were followed by this research facility.

- 2) Each principal investigator has considered alternative to painful procedures.
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- 4) The attending vetermanan for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

and a south	DATE SIGNED
	EADQUARTERS

SIGNAT APHIS I (AU

CERTIF CATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Logally Responsible Institutional official) Logally Responsible Institutional Official)	
MANUE 9 TITLE OF C. S. O. O. D. INSTITUTION C. C. STICIAL /Tupe or Print)	DATE SIGNED
:	EADQUARTERS 12/17/07

Interagency Report Control No 0180-DOA-AN

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 43-R-0107

CUSTOMER NO. 1595

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

LINCO RESEARCH INC 6 RESEARCH PARK DR ST CHARLES, MO 63304 (636) 441-8400

		F	ACILITY LOCATIONS(sites)		
See Attached Listing					
REPORT OF ANIMALS USED B A. Animals Covered By The Animal Welfare Regulations	Y OR UNDER CONTROL C B. Number of annals beat, breat, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such	C. Number of it is up on which teaching, research experiments, or lests were conducted involving no pair, distress, or use of pair.	D. Number of animals upon units experiments taaching research, surgery of tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or trangulating drugs were	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
	burposes.	relieving drugs.	used.	must be attached to this report)	
4. Dogs					
5. Cats		100			
6. Guinea Pigs		Ø	133 升	Ø	74
7. Hamsters			. 404 000		
8. Rabbits				La planting and the second of	
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals	100 To a Construction from 201 48; A recent		THE REPORT OF THE PARTY OF THE		
13. Other Animals	and the company of th		Carried Matter Materials Action and matter a Contract Part (Carried	1	

- 1) Professionally acceptable standards governing the calls, treath and transport to, during, and following actual research, teaching, teating, surgely, or experimentation well efollowed by this research facility.
- 2) Each principal investigator has considered alternative: to painful procedures

ASSURANCE STATEMENTS

- 3) This facility is adhering to the spandards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Annual Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

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(Chief Executive Officer or Legally Responsible Institutional official) I per fy that the above is true, correct, and complete (7 U.S.C. Section 2143)	
AL (Type or Print)	DATE SIGNED

Interagency Report Control No 0180-DOA-AN

REGISTRATION NO. 43-R-0110

include Zip Code)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

CUSTOMER NO. 1675

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

EXCEL BIO PRODUCTS INC

P O BOX 104 WASHBURN, MO 65772 (417) 826-5981

EPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY		ssary or use APHIS FORM 7023A)	
Animals Covered By The Animal Welfare Regulations	B. Number of an in sist bird, bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of children is up or which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pair, relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	F. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic.analgesic, or tranquilizing drugs would have advorsely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
. Dogs		The state of the s			
. Cats	11.	1			
. Guinea Pigs		<u> </u>			
. Hamsters			mi come man espera andrese el como districto o consessamento		
B. Rabbits		MITTO RESERVE THE CONTRACTOR WHITE STORE S			
. Non-Human Primates			NO ANNA MARKANIA NO TO THE CALL OF THE PROPERTY OF THE CONTRACTOR		-
0. Sheep		1			
1. Pigs					
2. Other Farm Animals		E SATE BY THE THREE THE RESIDENCE AND ADDRESS.	AND AND PRODUCTION OF THE PROPERTY OF THE PROP		
	and the second contraction of the second con	• **********************		AND THE RESIDENCE OF STREET OF STREE	
3. Other Animals	a language and a second				The same of the sa
Goats		60	der "Jahrene in Totalen im Allen in Andrews in Antonio de Landa de Landa de Landa de Landa de Landa de Landa d		
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	(
SSURANCE STATEMENTS	elde werten is it wither the letter de discussion in		EL SERCERCESCON CONTRACTOR DE	e of anesthetic, analges.c, and tranquilizing drugs, prior to	
and following actual resea	strindards governing the ca rch, teaching, testing, surg	y or experimentation w	ere followed by this research facili	is of anesthetrs, analysisis, and tranquilizing drugs, prior to five	, isumig,
Each principal investigator This facility is adherent to be			and that are also to the	standards and regulations be especified and explained by	ha
principal investigator and a	ap roved by the Institutiona	il Animal Care and Use C	conmittee (IACUC), A summary of	e standards and regulations be specified and explained by to of all the exceptions is attached to this annual report. In ons, as well as the species and number of animals affected	
4) The attending veterinarian	for this research facility ha			reterinary care and to oversee the adequacy of other	SEP 2 7 20
aspects of animal care and	BES SYNDHERM GENESWEINGER GURRELIED	CATION BY HEA	EQUARTERS RESEARC	H FACILITY OFFICIAL	A 244
	(Chief		or Legally Responsible		
		L L	true, correct, and complete (7	U.S.C. Section 2143)	DATE SIGNE
					$a \sim a$

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 43-R-0112

CUSTOMER NO. 1757

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SOUTHEAST MISSOURI STATE ONE UNIVERSITY PLAZA CAPE GIRARDEAU, MO 63701 (573) 651-2170

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing FACILITY LOCATIONS(sites)

RHODES HALL, EM 318

S.E.MO. STATE ULIV. CAPE GIR. HU

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purposes.	pain, distress, or use of pain- relieving drugs.	distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	OF ANIMALS (Cols. C + D + E)
			medical activation to this reporty	
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- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, leaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

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	CERTIFICATION BY HEADQUARTERS (Chief Executive Officer or Legally Re I certify that the above is true, correct, and	sponsible Institutional official)	
AP	NAME & TITLE OF C.	E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
2.00	which	PART 1	- HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 43-R-0115

CUSTOMER NO. 16030

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

VATTEROTT EDUCATIONAL CENTER
10257-ST. CHARLES ROCK-ROAD 8580 EVANS AVE VATTEROTT COLLEGE ST-ANN, MO-63074-

Berkley, MO 63134 (314)-427-1333-264-1500

3.	REPORTING FACILITY	Y (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach ad	dditiona
	sheets if necessary.)		
_			

FACILITY LOCATIONS(sites) See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D+E)
4. Dogs		- .	31		31
5. Cats		21	52		73
6. Guinea Pigs		6			6
7. Hamsters		3			3 2
8. Rabbits		2			2
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Ferrets Gerbils		2			2
Gerbils		2			2

ASSURANCE STATEMENTS

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, leaching, testing, surgery, or experimentation were followed by this research facility.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

- Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected. NOV 3 0 2007 V
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

5	xecutive O	Officer or Legally Responsible Institutional official) ove is true, correct, and complete (7 U.S.C. Section 2143)	
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23	3 (Oct 88), wh		ADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 43-R-0116

CUSTOMER NO. 22880

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

STOWERS INSTITUTE FOR MEDICAL RESEARCH 1000 EAST 50TH

KANSAS CITY, MO 64110 (816) 926-4076 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites) See Attached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) A. B. Number of Number of D. Number of animals upon E. Number of animals upon which teaching, animals upon animals being which experiments. experiments, research, surgery or tests were Animals Covered bred, which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO. By The Animal conditioned, or research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in teaching, testing, experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would tests were accompanying pain or have adversely affected the procedures, results, or interpretation of the teaching, research, (Cols. C+ experiments, distress to the animals conducted D + E) research, or involving no experiments, surgery, or tests. (An explanation of and for which appropriate surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were purposes. relieving drugs used. must be attached to this report) 4. Dogs 0 5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 0 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during,

- and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL of Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	OCT 15 2007
	NAME & TITLE OF C.F.O. OR INSTITUTIONAL OFFICIAL /Type	DATE SIGNED
88), which is obsolete	PART 1 - HEADQUARTERS

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

43-R-0116

Customer Number:

22880

Facility:

STOWERS INSTITUTE FOR MEDICAL RESEARCH

1000 EAST 50TH

KANSAS CITY, MO 64110

(816) 926-4076

STOWERS INSTITUTE FOR MEDICAL RESEARCH 1000 EAST 50TH KANSAS CITY, MO 64110

OCT 1 5 2007

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 43-R-0117

CUSTOMER NO. 13318

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

PET FOOD SOLUTION, INC. POST OFFICE BOX 1091 COLUMBIA, MO 65205 (573) 387-4575

		F	ACILITY LOCATIONS(sites)		
See Attached Listing					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		148	51	_	199
5. Cats	34	114	-	_	114
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS		L			
Professionally acceptable s and following actual resear Each principal investigator	ch, leaching, testing, surge has considered alternatives	ry, or experimentation we s to painful procedures.	re followed by this research facilit	e of anesthetic, analgesic, and tranquilizing drugs, prior to, ty. standards and regulations be specified and explained by th	

addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

aspects of animal care and use.	or other	DEC	1	Λ	חחר
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)		THE G	1	U	ZUL
NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)		DAT 7D	ES)ec	IGNI	ΞD >7
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Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 13-R-0118

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

37482 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) Crowder College

CUSTOMER NO.

601 Ladede Ave Neosho, MO 64850 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

REPORT OF ANIMALS USED BY	OR LINDER CONTROL (E DESEADON EACH IT	V/Attach additional sheets if non-	COOR OF USE ADULE FORM 7022A	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cots. C + D + E)
4. Dogs		5	15		20
5. Cats			16		16
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits		8			8
9. Non-Human Primates					0
10. Sheep		32			32
11. Pigs					0
12. Other Farm Animals					
Cattle goats 13. Other Animals	175	220			220
ASSURANCE STATEMENTS					
Professionally acceptable sta	andards governing the car n, teaching, testing, surge	e, treatment, and use of a ry, or experimentation we	animals, including appropriate use re followed by this research facility	of anesthetic, analgesic, and tranquilizing drugs, prior to,	during,

FACILITY LOCATIONS(sites)

- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

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	(Chief Executive I certify that the	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF CE O OR INSTIT	AL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
			11/28/07
APHI	FORM 18-23 (Oct 88)	, which is obsolete PART 1	1 - HEADQUARTERS
(AUG 91)	FORM 18-23 (Oct 88)), which is obsolete PART 1	I - HEADQUARTER

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 43-R-0119 CUSTOMER NO. 39367

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 A F B INTERNATIONAL

A F B INTERNATIONAL 3 RESEARCH PARK DR ST CHARLES, MO 63304

3.	REPORTING FACILITY	(List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes.	Attach additional
	sheets if necessary.)		, moon additional

FACILITY LOCATIONS(sites)

1048. S. Hieland Rd St. Anne, IL 60964

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Y (Attach additional sheets if nece: D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate ane	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		160			160
5. Cats		194			194
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

DEC - 3 2007 L

CERTIFICATION B	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive	Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED 11/30 07
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(AUG 91)

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 43-V-0001 CUSTOMER NO. 1373 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

HARRY S. TRUMAN VAMC(543) 800 HOSPITAL DRIVE COLUMBIA, MO 65201

(314) 443-2541 573-814-6000

 REPORTING FACILITY (List all locations where animal sheets if necessary.) 	vere housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional	
	FACILITY LOCATIONS(sites)	
See Attached Listing	and the second s	

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits					0
9. Non-Human Primates					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals					0
13. Other Animals					0

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (OLD Executive Officer or Legally Responsible Institutional official) y that the above is true, correct, and complete (7 U.S.C. Section 2143)	
AL INAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type)	DATE SIGNED

Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 43-V-0002 CUSTOMER NO. 1374 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

KANSAS CITY VAMC (589)

ASSA F LINIAGO FOR COMMON (589)

KANSAS CITY VAMC (589) 4801 E LINWOOD BLVD. KANSAS CITY, MO 64128

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

#589

KANSAS CITY, MO 64128

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

aspects of arimial care and use.					
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
		12/19/2007			

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 43-V-0003 CUSTOMER NO. 1375 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ST. LOUIS VAMC (657) VA MEDICAL CENTER 915 N. GRAND BLVD. ST LOUIS, MO 63106 (314) 289-6333

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing

FACILITY LOCATIONS(sites)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthelic, analgesic, or tranquilizing drugs were used.	E. Number of animats upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits					0
9. Non-Human Primates					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals					0
13. Other Animals		-			0

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

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	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official)	7
	above is true, correct, and complete (7 U.S.C. Section 2143)	
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	which is obsolete PA	ART 1 - HEADQUARTERS